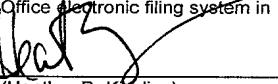


I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted via the Office electronic filing system in accordance with § 1.6(a)(4).  
Dated: August 24, 2009 Signature:   
(Heather R. Kissling)

Docket No.: 30694/42021  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Tsvee Lapidot et al.

Application No.: 10/578,291

Confirmation No.: 6831

Filed: February 5, 2007

Art Unit: 1633

For: Stem Cells Suitable for Transplantation, Their  
Preparation And Pharmaceutical Compositions  
Comprising Them

Examiner: S. Long

**AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Madam:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated March 25, 2009, please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 7 of this paper.

This paper is accompanied by a petition and fee for two-month extension of time. The commissioner is authorized to charge any additional fees due in connection with this filing to Marshall, Gerstein and Borun LLP deposit account number 13-2855, under order no. 30694/42021.